

All of the following Breath Alcohol Data is For
Year 2003
From the Washington State Patrol Breath Test Program

The following table shows the average breath alcohol concentration for each age group

Mean Breath Alcohol By Age Group

ALC1

Age Group	Mean	N	Std. Deviation
13 to 19	.10201	2689	.052350
20 to 29	.13584	13744	.048585
30 to 39	.14798	7834	.054524
40 to 49	.15519	6167	.059238
50 to 59	.15186	2692	.060247
60 to 69	.14457	714	.054468
70 and Over	.13164	185	.046629
Total	.14090	34025	.055137

The following table shows the percent of male and female found within each age category

Age by Sex Crosstabulation

			SEX		Total
			Female	Male	
Age	13 to 19	Count	752	2497	3249
		% within AG	23.1%	76.9%	100.0%
	20 to 29	Count	3420	13832	17252
		% within AG	19.8%	80.2%	100.0%
	30 to 39	Count	2529	8504	11033
		% within AG	22.9%	77.1%	100.0%
	40 to 49	Count	2324	6794	9118
		% within AG	25.5%	74.5%	100.0%
	50 to 59	Count	763	3064	3827
		% within AG	19.9%	80.1%	100.0%
	60 to 69	Count	139	858	997
		% within AG	13.9%	86.1%	100.0%
	70 and Over	Count	50	243	293
		% within AG	17.1%	82.9%	100.0%
Total	Count	9977	35792	45769	
	% within AG	21.8%	78.2%	100.0%	

The following table shows the mean breath alcohol concentrations for males and females:

Mean Breath Alcohol by Gender

ALC1

SEX	Mean	N	Std. Deviation
Female	.14143	7301	.055741
Male	.14077	26768	.054999
Total	.14091	34069	.055159

The following table shows the distribution of those arrested for DUI by race:

Frequency By Racial Group

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1231	2.5	2.5	2.5
Asian	1260	2.6	2.6	5.1
Black	2234	4.6	4.6	9.7
Native American	1310	2.7	2.7	12.3
Unknown	2508	5.1	5.1	17.5
White	40408	82.5	82.5	100.0
Total	48951	100.0	100.0	

The following table shows the mean alcohol concentrations by racial category:

Mean Breath Alcohol By Racial Group

ALC1

EthnicGroup	Mean	N	Std. Deviation
Asian	.12190	905	.047416
Black	.12866	1540	.050599
Native American	.16464	873	.060530
Unknown	.14064	634	.054476
White	.14143	30117	.055134
Total	.14091	34069	.055159

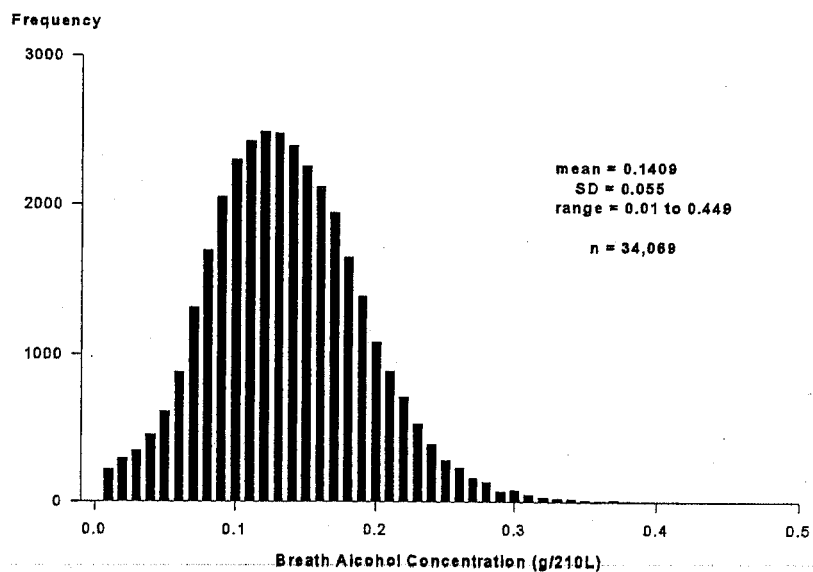
The following table shows the distribution of gender according to the different racial groups:

Race by Gender Crosstabulation

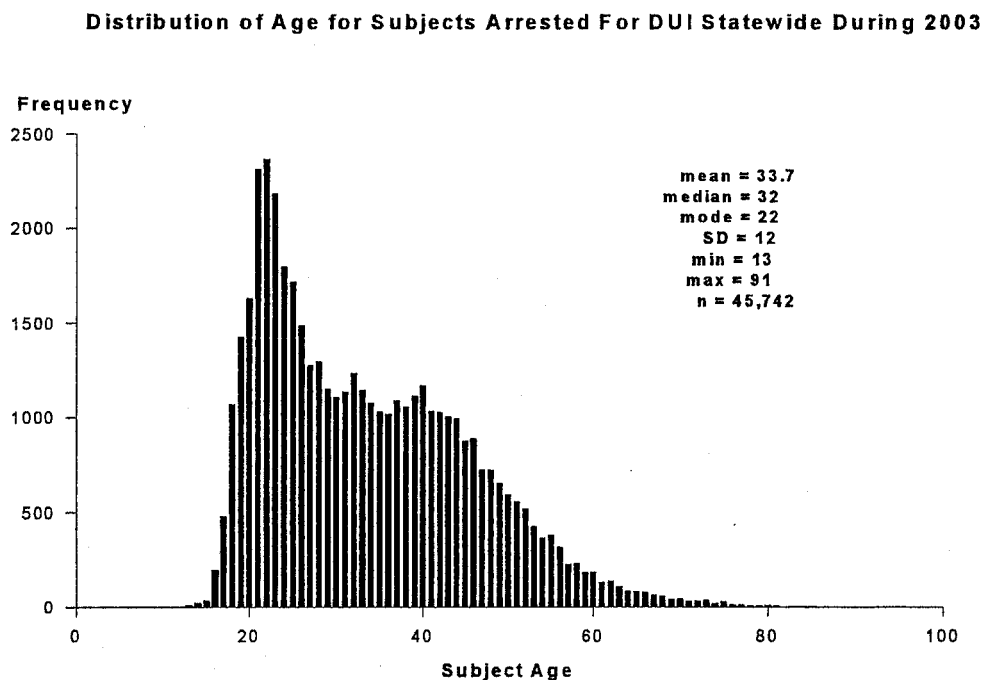
			SEX		Total
			Female	Male	
EthnicGroup	Asian	Count	256	1004	1260
		% within EthnicGroup	20.3%	79.7%	100.0%
	Black	Count	381	1853	2234
		% within EthnicGroup	17.1%	82.9%	100.0%
	Native American	Count	446	864	1310
		% within EthnicGroup	34.0%	66.0%	100.0%
	Unknown	Count	95	2413	2508
		% within EthnicGroup	3.8%	96.2%	100.0%
	White	Count	8832	31576	40408
		% within EthnicGroup	21.9%	78.1%	100.0%
	Total	Count	10010	37710	47720
		% within EthnicGroup	21.0%	79.0%	100.0%

The following is the distribution of all breath alcohol results for all subjects arrested for DUI during 2003 and provided a breath test. 85.1% of the subjects were 0.080 g/210L or greater.

Distribution of Breath Alcohol Concentration For The First Sample
Statewide Data 2003



The following plot shows the distribution of subject age for statewide DUI arrests during 2003:



The following table shows the mean alcohol concentration for subjects arrested by WSP compared to other agencies:

Mean Breath Alcohol By Agency

ALC1

Agency	Mean	N	Std. Deviation
WSP	.13288	16518	.051111
SPD	.14908	986	.054825
KCS	.14833	1011	.055592
Other Agencies	.14844	15554	.058017
Total	.14091	34069	.055159

The following table shows the refusal rates by gender:

Gender by Test Refusal Rates

			REF		Total
			Refused Test	Provided Sample	
SEX	Female	Count	1581	8429	10010
		% within SEX	15.8%	84.2%	100.0%
	Male	Count	6445	31265	37710
		% within SEX	17.1%	82.9%	100.0%
Total		Count	8026	39694	47720
		% within SEX	16.8%	83.2%	100.0%

The following table shows the refusal rate for WSP compared to Other Agencies:

Agency by Refusal Rate

			Test Result		Total
			Refused Test	Provided Sample	
Agency	WSP	Count	3062	19519	22581
		% within AGNN	13.6%	86.4%	100.0%
	SPD	Count	285	1144	1429
		% within AGNN	19.9%	80.1%	100.0%
	KCS	Count	279	1162	1441
		% within AGNN	19.4%	80.6%	100.0%
	Other Agencies	Count	4400	19100	23500
		% within AGNN	18.7%	81.3%	100.0%
	Total	Count	8026	40925	48951
		% within AGNN	16.4%	83.6%	100.0%

The following table shows refusal rates by racial group:

Racial Group by Refusal Rates

			Test Results		Total
			Refused Test	Provided Sample	
Racial Group	Asian	Count	195	1065	1260
		% within EthnicGroup	15.5%	84.5%	100.0%
	Black	Count	504	1730	2234
		% within EthnicGroup	22.6%	77.4%	100.0%
	Native American	Count	331	979	1310
		% within EthnicGroup	25.3%	74.7%	100.0%
	Unknown	Count	163	2345	2508
		% within EthnicGroup	6.5%	93.5%	100.0%
	White	Count	6833	33575	40408
		% within EthnicGroup	16.9%	83.1%	100.0%
Total	Count	8026	39694	47720	
	% within EthnicGroup	16.8%	83.2%	100.0%	

20.9% of the DUI arrests statewide were done in King County for 2003

77% of the tests performed in 2003 had a generic code entered for the Liquor Board License Number (i.e., 9A000000). This means that 23% had an actual Liquor Board License Number entered as the place where the subject was last drinking.

The following shows the top ten liquor licensed establishments which were identified the most in our breath test database.

Establishment	License Number	Number
1 Daverthumps Pub and Galley, Lynnwood	357903	83
2 Muckleshoot Casino, Auburn	79098	66
3 Kirkland Avenue Pub, Kirkland	81539	66
4 Horse and Cow Bar and Grill, Bremerton	353730	65
5 Clearwater Steak and Saloon, East Wenatchee	353571	62
6 Cascade Restaurant and Pizza Inn, Mt. Vernon	367294	59
7 Frankies Sports Bar and Grill, Olympia	74156	56
8 Foxies Pub and Eatery, Everett	70569	51
9 Mugs and Jugs, Puyallup	81138	50
10 Banana Joe's, Spokane	351438	49
11 Seven Cedars Casino, Sequim	78675	48
12 Royal India Restaurant, Rochester	359160	46
13 Hotteez Restaurant and Nite Club, Spokane	359197	46
14 Hot Shots, Vancouver	362537	45
15 Trosfers Bar and Grill, Tumwater	77459	44
16 The Blue Dolphin, Spokane	363367	42
17 The Monkey Bar and Grill, Spokane	364386	41
18 Rocker Bar and Grill, Bothell	76013	40
19 The End Zone, Port Orchard	360263	40
20 Safeco Field, Seattle	356942	39

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Washington State Patrol
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